

Rawlings, Stephen

09/5-99,087  
Exhibit B  
Examiner: Rawlings (1642)

From: prange1@llnl.gov  
Sent: Monday, May 12, 2003 11:48 AM  
To: Stephen.Rawlings@uspto.gov  
Subject: Fwd: IMAGE:713624 (5')

Dear Stephen,

This clone was sent quite early in the project, before we had a dedicated tracking system for each plate. The best I can do is to tell you that it was sent for sequencing on 2/5/97 and would have been available through the clone distributors shortly after that, sometime in the spring of 97 (and certainly by April-May).  
Christa

>Date: Mon, 12 May 2003 08:12:00 -0700 (PDT)  
>From: IMAGE Consortium <image@zebra.llnl.gov>  
>To: prange1@llnl.gov  
>Subject: IMAGE:713624 (5')  
>X-Sun-Charset: US-ASCII

>----- Begin Included Message -----

> >From Stephen.Rawlings@USPTO.GOV Wed May 7 10:01:06 2003  
>From: Stephen.Rawlings@USPTO.GOV  
>To: info@est.llnl.gov  
>Subject: IMAGE:713624 (5')  
>Date: Wed, 7 May 2003 13:00:48 -0400  
>MIME-Version: 1.0  
>X-Mailer: Internet Mail Service (5.5.2656.59)

>Dear Sir or Madam:

>Could you please inform me of the date that the clone designated  
>IMAGE:713624 (5') first became publicly available? This clone is also  
>identified by GENBANK accession no. AA283751 and dbEST ID No. 925462.  
>Thank you very much for your assistance in this matter.

>Stephen L. Rawlings, Ph.D.  
>Examiner, AU 1642  
>United States Patent and Trademark Office  
>Crystal Mall 1, Room 8D17  
>Mail Box - Room 8E12  
>Phone: (703) 305-3008

>----- End Included Message -----

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Christa Prange  
The I.M.A.G.E. Consortium  
Biology and Biotechnology Research Program  
Lawrence Livermore National Laboratory  
7000 East Ave/L-448 Livermore, CA 94550

prange1@llnl.gov  
(925) 423-0757 office/voicemail  
(925) 422-5700 lab  
(925) 424-3130 fax  
<http://image.llnl.gov>

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L1 ANSWER 1 OF 1 GENBANK.RTM. COPYRIGHT 2003

LOCUS (LOC): AA283751 GenBank (R)  
GenBank ACC. NO. (GBN): **AA283751**  
GenBank VERSION (VER): AA283751.1 GI:1928032  
CAS REGISTRY NO. (RN): 188320-27-6  
SEQUENCE LENGTH (SQL): 399  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Expressed sequence tag  
DATE (DATE): 8 Aug 1997  
DEFINITION (DEF): zt19g05.r1 Soares ovary tumor NbHOT Homo sapiens cDNA  
clone IMAGE:713624 5', mRNA sequence.

SOURCE: human.  
ORGANISM (ORGN): Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates;

Catarrhini;

Hominidae; Homo

NUCLEIC ACID COUNT (NA): 89 a 127 c 97 g 86 t

COMMENT:

Contact: Wilson RK  
Washington University School of Medicine  
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
Fax: 314 286 1810  
Email: est@watson.wustl.edu

This clone is available royalty-free through LLNL ; contact the  
IMAGE Consortium (info@image.llnl.gov) for further information.

Insert Length: 857 Std Error: 0.00

Seq primer: -28ml3 rev2 ET from Amersham

High quality sequence stop: 347.

REFERENCE: 1 (bases 1 to 399)

AUTHOR (AU): Hillier, L.; Lennon, G.; Becker, M.; Bonaldo, M.F.;  
Chiapelli, B.; Chissoe, S.; Dietrich, N.; DuBuque, T.;  
Favello, A.; Gish, W.; Hawkins, M.; Hultman, M.;  
Kucaba, T.; Lacy, M.; Le, M.; Le, N.; Mardis, E.;

Moore, B.M;

Morris, M.; Parsons, J.; Prange, C.; Rifkin, L.;  
Rohlfing, T.; Schellenberg, K.; Soares, M.B.; Tan, F.;  
Thierry-Mieg, J.; Trevaskis, E.; Underwood, K.;  
Wohldmann, P.; Waterston, R.; Wilson, R.; Marra, M.

TITLE (TI): Generation and analysis of 280,000 human expressed  
sequence tags

JOURNAL (SO): Genome Res., 6 (9), 807-828 (1996)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..399	/organism="Homo sapiens" /db-xref="taxon:9606" /clone="IMAGE:713624" /clone-lib="Soares ovary tumor NbHOT" /sex="Female" /tissue-type="ovarian tumor" /lab-host="DH10B (ampicillin resistant)" /note="Organ: ovary; Vector: pT7T3D (Pharmacia) with a modified

polylinker; Site-1: Not I; Site-2:  
Eco RI; 1st strand cDNA was primed  
with a Not I - oligo(dT) primer  
[5'  
TGTTACCAATCTGAAGTGGGAGCGGCCGCGGTTT  
TTTTTTTTTTTTTTTT 3'],  
double-stranded cDNA was size  
selected, ligated to Eco RI  
adapters (Pharmacia), digested  
with Not I and cloned into the Not  
I and Eco RI sites of a modified  
pT7T3 vector (Pharmacia). Library  
constructed by Bento Soares and  
M.Fatima Bonaldo. "

SEQUENCE (SEQ):

```
1 attcggaacg agggaaaatc tgccttctca ccatgaggct tctagtcctt tccagcctgc
61 tctgtatcct gcttctctgc ttctccatct tctccacaga agggaagagg cgtcctgcca
121 acagcctggt caggcaggag aaccaggctc tgctgccacc gagtccctag ccccaactca
181 acaaacctga aaggacatca tgtgaggctc tgtaaaccat gcaagcttga ccagagcccg
241 ctttggtgtg gctggggatc ccacagggtg agcactccaa agcaagactc cagacagcgg
301 agaacctcat gcctggcacc tgaggtaccc agcagcctcc tgtctcccct ttcagccttc
361 acagcagtga gctgcaatgt tggagggcct catctcggg
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